

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L29/786

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 497 216 A (TEXAS INSTRUMENTS INC) 5 August 1992 (1992-08-05) column 2, line 3 - line 9 column 4, line 40 -column 5, line 14 column 5, line 54 -column 6, line 36; claims; figures	1-11
X	EP 0 574 137 A (SEIKO INSTR INC) 15 December 1993 (1993-12-15) column 13, line 28 -column 14, line 6; figures 12,13	1-11
X	US 5 982 002 A (TAKASU HIROAKI ET AL) 9 November 1999 (1999-11-09) column 12, line 39 -column 13, line 61; figures 14,15	1-11

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 September 2004

Date of mailing of the international search report

06/10/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 373 893 A (MITSUBISHI ELECTRIC CORP) 20 June 1990 (1990-06-20) column 4, line 38 -column 5, line 22; claims; figures 1,2	1-11
X	----- PATENT ABSTRACTS OF JAPAN vol. 018, no. 673 (E-1647), 19 December 1994 (1994-12-19) -& JP 06 268215 A (HITACHI LTD), 22 September 1994 (1994-09-22) abstract	1-11
X	----- EP 1 229 576 A (SHARP KK) 7 August 2002 (2002-08-07) page 7, paragraph 44 - paragraph 46; claims; figures	1-11
A	----- H. RYSEL, I. RUGE: "Ionenimplantationsapparaturen" 1978, TEUBNER, STUTTGART XP002294774 page 105, line 24 - line 31 -----	7

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